

[illegible]

Examiner Signature	Mullen	Date Considered 8/15/05	8/15/05
-----------------------	--------	---------------------------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known		
				Application Number	10/807,775	
				Filing Date	March 23, 2004	
				First Named Inventor:	Glen W. Gengel, et al.	
				Art Unit	2632	
				Examiner Name	Daniel J. Wu <i>Mullen</i>	
				Attorney Docket Number	003424. P061	
Sheet 2 of 4						
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
<i>TM</i>		US-	4,857,893	08-15-1989	Gary T. Carroll	
<i>TM</i>		US-	5,444,223	08-22-1995	Michael J. Blama	
		US-	5,528,222	06-18-1996	Paul A. Moskowicz, et al.	
		US-	5,545,291	08-13-1996	John S. Smith, et al.	
<i>TM</i>		US-	5,557,470	09-17-1996	Atsushi Shibayama	
		US-	5,754,110	05-19-1998	Lawrence Appalucci, et al.	
		US-	5,779,839	07-14-1998	Mark E. Tuttle, et al.	
		US-	5,904,545	05-18-1999	John S. Smith, et al.	
		US-	5,914,862	06-22-1999	Donald H. Ferguson, et al.	
		US-	5,995,006	11-30-1999	Brian J. H. Walsh	
		US-	6,018,299	01-25-2000	Noel H. Eberhardt	
		US-	6,019,284	02-01-2000	Gary A. Freeman, et al.	
		US-	6,031,450	02-29-2000	Tien-Tsat Huang	
		US-	6,091,332	07-18-2000	Noel H. Eberhardt, et al.	
		US-	6,094,138	07-25-2000	Noel H. Eberhardt, et al.	
		US-	6,100,804	08-08-2000	Michael J. Brady, et al.	
		US-	6,133,835	10-17-2000	Dagobert M. De Leeuw, et al.	
		US-	6,107,920	08-22-2000	Noel H. Eberhardt, et al.	
		US-	6,147,662	11-14-2000	Robert E. Grabau, et al.	
		US-	6,164,551	12-26-2000	Richard Altwasser	
		US-	6,181,287	01-30-2001	Michael L. Beigel	
		US-	6,195,858	03-06-2001	Donald H. Ferguson, et al.	
		US-	6,206,282	03-27-2001	Doyle A. Hayes, Sr., et al.	
		US-	6,246,327	06-12-2001	Noel H. Eberhardt	
<i>TM</i>		US-	6,262,692	07-17-2001	Susan M. Babb	

Examiner Signature	<i>Mullen</i>	Date Considered	8/15/05 <i>8/15/05</i>
--------------------	---------------	-----------------	-----------------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for Form 1449/PTO		Complete if Known	
		Application Number	10/807,775

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Filing Date	March 23, 2004
			First Named Inventor:	Glen W. Gengel, et al.
			Art Unit	2632
			Examiner Name	Daniel J. We Mullen
Sheet		3 of 4	Attorney Docket Number	003424. P061

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)		
TM		EP	0 992 939	04-12-2000	EPO	
		DE	199 29 610	10-12-2000	Germany	
		WO	01/33621	05-10-2001	WIPO	
		WO	99/41701	08-19-1999	WIPO	
		EP	1 014 302	06-28-2000	EPO	

Examiner Signature	Mullen	Date Considered	8/15/05
-----------------------	--------	--------------------	---------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known	
			Application Number	10/807,775
			Filing Date	March 23, 2004
			First Named Inventor:	Glen W. Gengel, et al.
			Art Unit	2632
			Examiner Name	Daniel J. W. Mullen
Sheet		4 of 4	Attorney Docket Number	003424.P061

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
	5,444,223	US	Michael J. Blama	08/22/1995		
	5,528,222	US	Paul A. Moskowitz, et al.	06/18/1996		
	5,574,470	US	Franklin D. de Vall	11/12/1996		
	5,754,110	US	Lawrence Appalucci, et al.	05/19/1998		
	5,770,839	US	Mark E. Tuttle, et al.	07/14/1998		
	5,995,006	US	Brian J. H. Walsh	11/30/1999		
	6,018,299	US	Noel H. Eberhardt	01/25/2000		
	6,031,450	US	Tien-Tsai Huang	02/29/2000		
	6,094,138	US	Noel H. Eberhardt, et al.	07/25/2000		
	6,100,804	US	Michael J. Brady, et al.	08/08/2000		
	6,107,920	US	Noel J. Eberhardt, et al.	08/22/2000		
	6,133,835	US	Dagobert M. De Leeuw, et al.	10/17/2000		
	6,147,662	US	Robert E. Grabau, et al.	11/14/2000		
	6,164,551	US	Richard Altwasser	12/26/2000		
	6,195,858	US	Donald H. Ferguson, et al.	03/06/2001		
	6,206,282	US	Doyle A. Hayes, Sr., et al.	03/27/2001		
	6,246,327	US	Noel H. Eberhardt	06/12/2001		
	6,262,692	US	Susan M. Babb	07/17/2001		
	6,268,796	US	Alfred Gnadinger, et al.	07/31/2001		
	6,275,156	US	Paul B. Rasband	08/14/2001		
	6,313,747	US	Hideaki Imaichi, et al.	11/06/2001		
TM	6,329,213	US	Mark E. Tuttle, et al.	12/11/2001	Tuttle et al.	

Examiner Signature	Mullen	Date Considered	8/15/05
--------------------	--------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for Form 1449/PTO

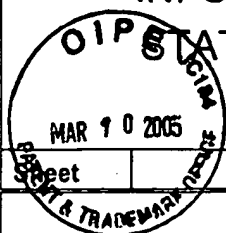
INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/807,775
Filing Date	March 23, 2004
First Named Inventor:	Glen W. Gengel, et al.
Art Unit	2632
Examiner Name	Daniel J. Wu <i>Mullen</i>
Attorney Docket Number	003424.P061



1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
TM ↓ <						

Examiner Signature	<i>Mullen</i>	Date Considered	8/15/05
--------------------	---------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known	
			Application Number	10/807,775
			Filing Date	March 23, 2004
			First Named Inventor:	Glen W. Gengel, et al.
			Art Unit	2632
			Examiner Name	Daniel J. We <i>Mullen</i>
Sheet		2 of 2	Attorney Docket Number	003424. P061

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
<i>TM</i>			<i>11-353439</i>	12-24-1999	JP Abstract <i>Japan</i>	<i>Abstract</i>	
<i>TM</i>			<i>2001-175837</i>	06-29-2001	JP Abstract <i>Japan</i>	<i>Abstract</i>	
<i>TM</i>			02/097724	12-05-2002	PCT Publication <i>WIPO</i>		

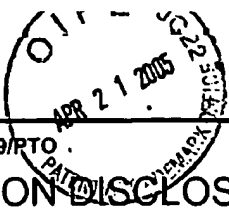
Examiner Signature	<i>Mullen</i>	Date Considered	<i>8/15/05</i>
----------------------------------	---------------	--------------------	----------------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete If Known	
				Application Number	10/807,775
				Filing Date	03/23/2004
				First Named Inventor:	Glenn W. Gengel
				Art Unit	2632
Examiner Name				Wu, Daniel J. <i>Mullen</i>	
Sheet	1	of	1	Attorney Docket No. 03424.P061	
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
<i>TM</i>		"PCT Transmittal of the International Search Report and the Written Opinion of the International Searching Authority" for PCT International Appln No. US04/09070, mailed 10 February 2005 (12 pages).			
Examiner Signature		<i>Mullen</i>		Date Considered	<i>8/15/05</i>

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.